BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs. 800000.00

Name of Work: Detailed Estimate for the work of Providing Chainlink fencing at 4th B cross in B Sector of ward no-04.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1,Earth work excavation by manual means in ordinary soil involving an average horizontal throw up to 2 meters and an average lift uo to 1.5m,excavated surface levelled and sides neatly dresssed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (Item no19.1,Page no142, PWD SR 2016-17)	cum							
	for levelling and lowering		1	20.00	20.00	0.40	160.00		
	for CLF		2	20.00	0.75	0.80	24.00		
			2	20.00	0.75	0.80	24.00		
							208.00	**96.48**	**20068.00**
	Basic Rate	82.00							
	Ad-HOC 11%	9.02							
	Sub Total	91.02							
	Area Weightage 6%	5.46							
	Grand Total	96.48							
2	KSRB 100-1 Loading and unloading ofstone aggregates / sand/ kanker/ Moorum /soil KSRRB M100-1 Placing tipper at loading with front end loader dumpting turning for return trip excluding time for haulged and return trip complete as per specification item No 17.1 page 130 and KSRB M.100.4.1 costof haulage excluding loading and unloading MORTH to a distance of 4.00 K.M (Item No 17.4 Page 134 (SR 2016-17)	cum							
			Vide Item No. 1				**208.00**	**110.13**	**22907.00**
	Basic Rate for loading and unloading	68.00							
	Basic Rate for Haulage upto 8.00 k.m =1.28 X 2 50 X 8	25.60							
	Basic Rate	93.60							
	Ad-HOC 11%	10.30							
	Sub Total	103.90							
	Area Weightage 6%	6.23							
	Grand Total	110.13							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
3	KSRB-4-1.2 : Providing and laying in position plain cement concrete of mix **1:3:6 withOPC** cement at 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.465cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, No. 12/ Item No. 4.2/ PWD SR 2016-17	**Cum**							
			2	20.00	0.75	0.15	4.50		
			2	20.00	0.75	0.15	4.50		
							9.00	**5937.12**	**53434.00**
	Basic Rate	5046.00							
	Ad-HOC 11%	555.06							
	Sub Total	5601.06							
	Area Weightage 6%	336.06							
	Grand Total	5937.12							
4	KSRB 5.2.3 : Providing and constructing granite / trap / basalt size stone masonry in **foundation** with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 (Page No. 23/ Item No. 5.6)	Sqm							
	for CLF at Judicial layout near Ambra palic Clinic		2	20.00	0.60	0.80	19.20		
			2	20.00	0.60	0.80	19.20		
							38.40	**4926.42**	**189175.00**
	Basic Rate	4187.00							
	Ad-HOC 11%	460.57							
	Sub Total	4647.57							
	Area Weightage 6%	278.85							
	Grand Total	4926.42							
5	KSRB 5.3-3 Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chisile dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5-1.13 Page No. 26/ Item No. 5.9/ PWD SR 2016-17	**Cum**							
			2	20.00	0.45	0.40	7.20		
			2	20.00	0.45	0.40	7.20		
							14.40	**5999.99**	**86400.00**

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Basic Rate	5005.00							
	Ad-HOC 11%	550.55							
	Sub Total	5555.55							
	Area Weightage 8%	444.44							
	Grand Total	5999.99							
5	KSRB 4.2.2 : Providing and laying in position plain cement concrete of mix M20 withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.460cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications. Specification. No. KBS 4.1,4.6, No. KBS 4.1,4.6, No. 13/ Item No. 4.11/ PWD SR 2016-17	**Cum**							
for CLF coping concrete									
			2	20.00	0.45	0.10	1.80		
			2	20.00	0.45	0.10	1.80		
							3.60	**6011.00**	**21640.00**
	Basic Rate	6011.00							
	Ad-HOC 11%	661.21							
	Sub Total	6672.21							
	Area Weightage 6%	400.33							
	Grand Total	7072.54							
	KSRB 15.1.1: Providing **flush pointing** to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.(Page No.113/Item No. 15.1)	Sqm							
for CLF		2x2	4	20.00		0.40	32.00		
		2x2	4	20.00		0.40	32.00		
							64.00	**114.13**	**7304.00**
	Basic Rate	97.00							
	Ad-HOC 11%	10.67							
	Sub Total	107.67							
	Area Weightage 6%	6.46							
	Grand Total	114.13							

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Supplying and fixing **M.S Rectangular poles** made out of 2 equal angles of 65x65x6 mm welded together and fixed in cc1,2:4 with 2 nos16 mm dia M,S Hold fasts rods of each length 25 cms, including cost of all materials, cutting,bending scaffolding where ever necessary,nice finishing the welded joints with all lead and as per the direction of the Engineer in charge of the workand including providing 2 coats of approved quality paint over one coat of shop painting(excluding the cost of earth work and concrete) (Page No 255/ Item No. 37.2)	Mtrs							
	for CLF		2	11		2.50	55.00		
			2	11		2.50	55.00		
							110.00	963.64	**106000.00**
	Basic Rate	819.00							
	Ad-HOC 11%	90.09							
	Sub Total	909.09							
	Area Weightage 6%	54.55							
	Grand Total	963.64							
8	Providing and fixing **M.S Block pipe of 38 mm dia,** of heavy guage of 14 including the removing the bends,cutting the pipe and fixing the pipe inbetween the two verticle polesM.S Rectangular pole and spot welding the chain linking with M.S Blockpipe including cost of all materials,wastage in cutting and scaffolding where ever necessary with all lead and liftas per the direction of the Engineer in charge of the workand including providing 2 coats of approved quality paint over one coat of shop painting (Page No. 255/ Item No. 37.4)	Mtrs							
			4	20.00			80.00		
			4	20.00			80.00		
							160.00	381.22	**60995.00**
	Basic Rate	324.00							
	Ad-HOC 11%	35.64							
	Sub Total	359.64							
	Area Weightage 6%	21.58							
	Grand Total	381.22							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
9	Providing chain link fencing 50 mmsize of 8 guage properly stretched bet ween the rectangular poles and fixed with suitable bolts and nuts ,the free ends shall be welded to the pole and block pipe at top and bottom as required , including cost of all materials, labour lead and,liftj and as per the direction of the Engineer in charge of the workand including providing 2 coats of approved quality paint over one coat of shop painting (Page No. 255/ Item No. 37.3)	sqm							
			2	20.00		1.80	72.00		
			2	20.00		1.80	72.00		
	Basic Rate	659.00					**144.00**	775.38	**111655.00**
	Ad-HOC 11%	72.49							
	Sub Total	731.49							
	Area Weightage 6%	43.89							
	Grand Total	775.38							
10	RCC Precast covering slab for drain (10cm thick)	**sqm**							
	missing covering slab for existing drains		1	63.00	0.90		56.70		
	Rate Approved by BBMP	**2100.00**					**56.70**	**2100.00**	**119070.00**
15	Miscellaneous charges								1352.00
								Total	**800000.00**

(Rupees Eight lakhs Only)

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2016-17
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Executive Engineer
Yelahanka Division
Bangalore-64

Assistant Executive Engineer
Yelahanka satellitetown Sub Division
Bangalore-64

Administrative Sanction for Rs. 8.00 lakhs
Eight Lakhs Only
is accorded under head P-1771-2017-18
Registered as CE No. ..... Subject to conditions contained in enclosed memo No. EE/AO/64/17-18 Dt. 8.2.18

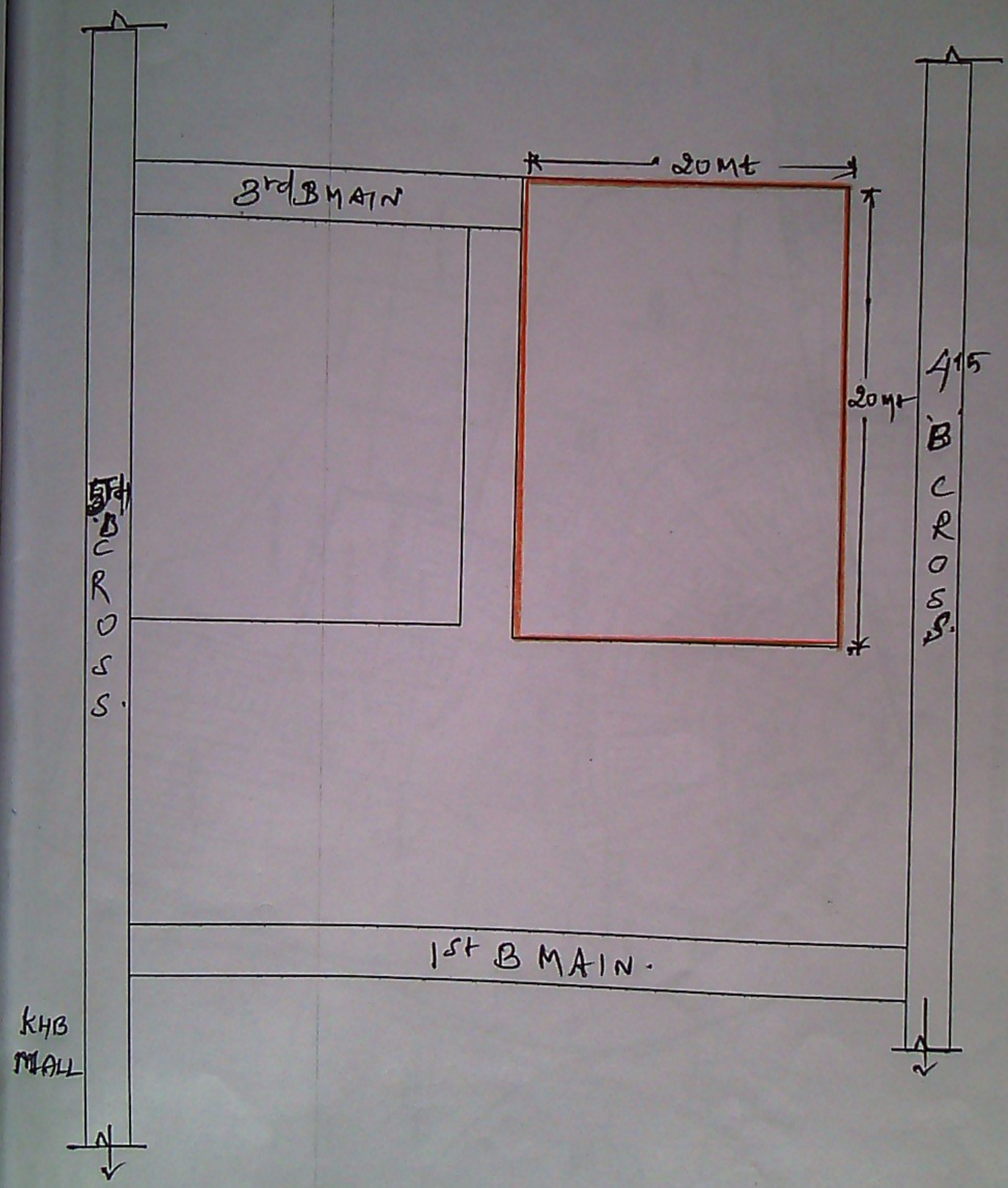
Executive Engineer

TECHNICALLY SANCTIONED FOR Rs. 8.00 lakhs
Rupees Eight Lakhs Only
Under P-1771-2017-18
Registered as CE ( ) No. 99
Subject to conditions contained in enclosed memo EE ( ) No. /97
Dt. EE/TS/94/17-18 Estimate Sanctioned for Rs.
Dated 16.02.2018 8.00 lakhs

Executive Engineer

NAME OF WORK:

Providing chainlink fencing at 4th B cross in B sector of ward no-04.



INDEX:

PROPOSED C.L.F.

A.E. Ramangeeriah

A.E.E.

BRUHAT BANGALORE MAHANAGAR PALIKE
WARD: 4 - YELHANKA SATELLITE TOWN

150 - YELAHANKA AC

N

NOTIFICATION NO. UDD 59 MLR 2009. DATE. 15.07.09

INDEX

- PROPOSED WARD BOUNDARY
- RIVER/ DRAIN
- RAILWAY LINE
- ROAD